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Apr 14, 1977

DERWENT-ACC-NO: 1977-37144Y

DERWENT-WEEK: 197721

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TITLE: Thermosetting resin compsn. for use in paint - comprises a thermosetting resin and a fluorinated silicon cpd.

PATENT-ASSIGNEE:

ASSIGNEE

DAINIPPON INK & CHEM KK

CODE

DNIN

PRIORITY-DATA: 1975JP-0122438 (October 13, 1975)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

JP 52047030 A

April 14, 1977

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INT-CL (IPC): C09D 3/81; C09D 5/00; C09D 7/06

ABSTRACTED-PUB-NO: JP52047030A

BASIC-ABSTRACT:

The compsn. comprises 100 pts. wt. of a thermosetting resin and 0.001-10 pts. wt. of a fluorinated silicon S cpd. The fluorinated silicon is obtd. by co-hydrolysing a lipophobic monomer of formula (I) and a hydrophilic monomer of formula (II).

In (I) Rf is 3-18C perfluoralkyl X is divalent group R is H 4C haloalkyl group; X is halogen or 4C alkoxy a is 0 or 1 b is 1-12; n : 1 or 2 p : 1-3; q: 0, 1 or 2 and n+p+q =4. In (II) R' is 1-20C alkyl H or acetyl Alk: 2-6C alkylene x is 2-100; R :CH2-CH2-CH2-, CH2CH(CH3)-CH2 -, -CO-CH(CH3)-, -CO-C(CH3O2 or -CH2-; R is H, 4C alkyl or 4C haloalkyl group; X is halogen atom or 4C alkloxy group; c is 0, 1 or 2; d is 1-3; c+d =3. The compsn is used pref. in powder paints.

TITLE-TERMS: THERMOSETTING RESIN COMPOSITION PAINT COMPRISE THERMOSETTING RESIN
FLUORINATED SILICON COMPOUND

DERWENT-CLASS: A26 A82 G02

CPI-CODES: A06-A00E; A08-S; A12-B01; A12-S09; G02-A02; G02-A03;

Multipunch Codes: 010 03& 038 04- 05- 062 064 229 231 311 318 342 344 346 38- 393 42-
473 477 479 532 533 535 55- 656